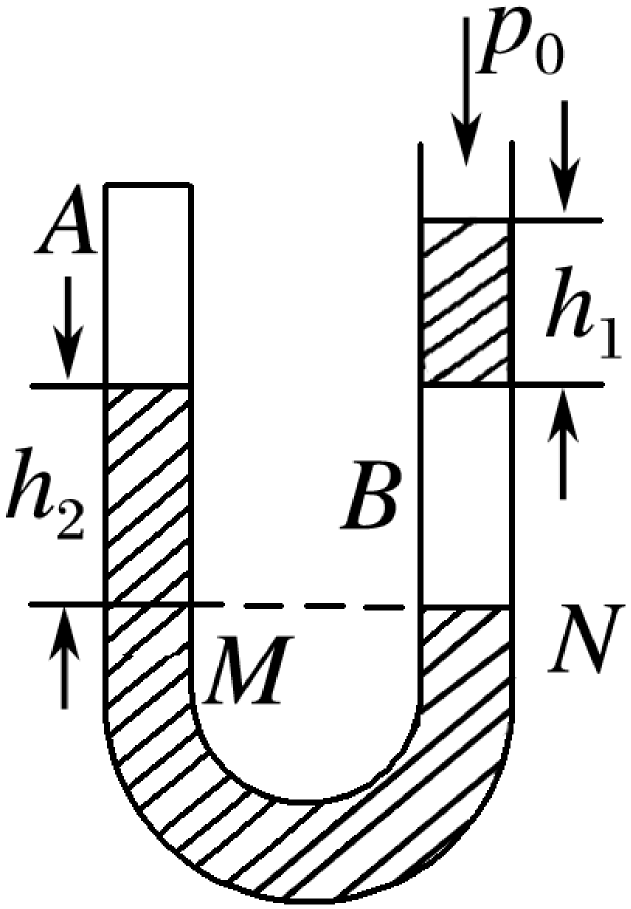
[illegible]

1. [illegible] 3-3 [illegible] 8.2

2. [illegible] 3 [illegible] 12 [illegible]

1. [illegible]



2. [illegible]

[illegible] p [illegible] V [illegible] A [illegible] B [illegible]

[illegible]

A. [illegible]

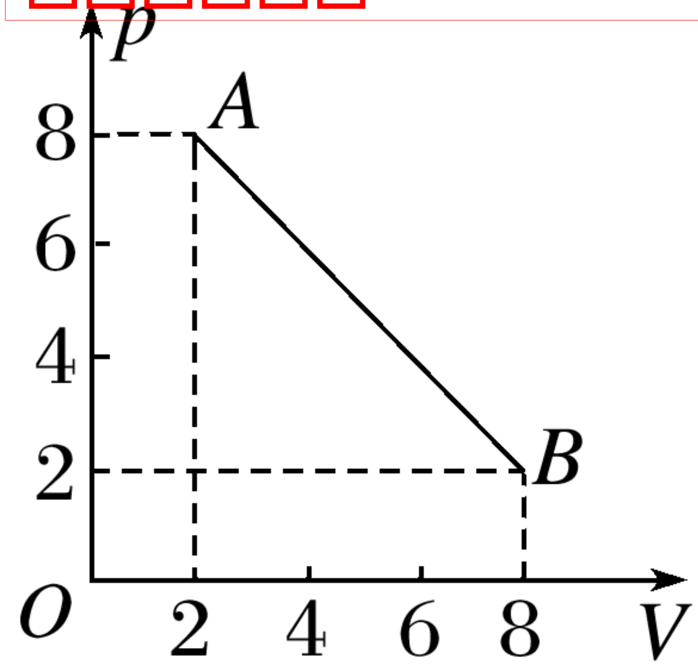
B. [illegible]

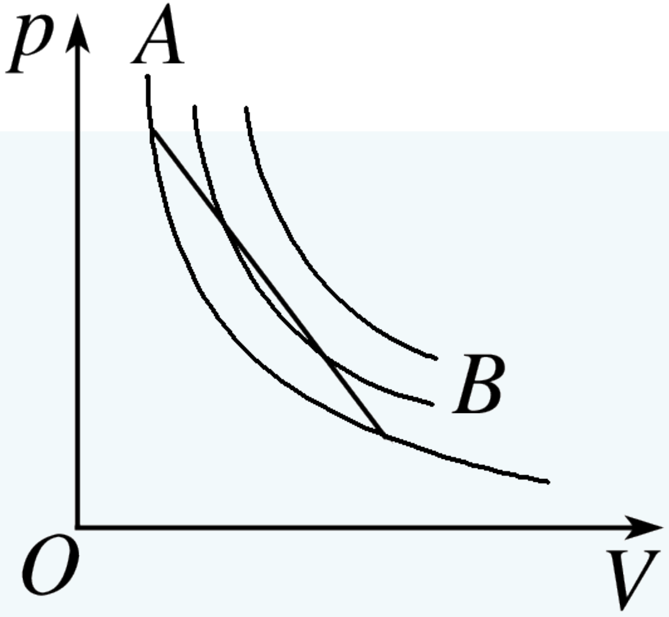
C. [illegible]

D. [illegible]

√

p_AV_A [illegible] p_BV_B [illegible] A [illegible] B [illegible]
[illegible].





[illegible] **C** [illegible]

[illegible] ([illegible]) [illegible] $D \to A \to B \to C$ [illegible]

[illegible]

√ A. $D \to A$ [illegible]　　[illegible]

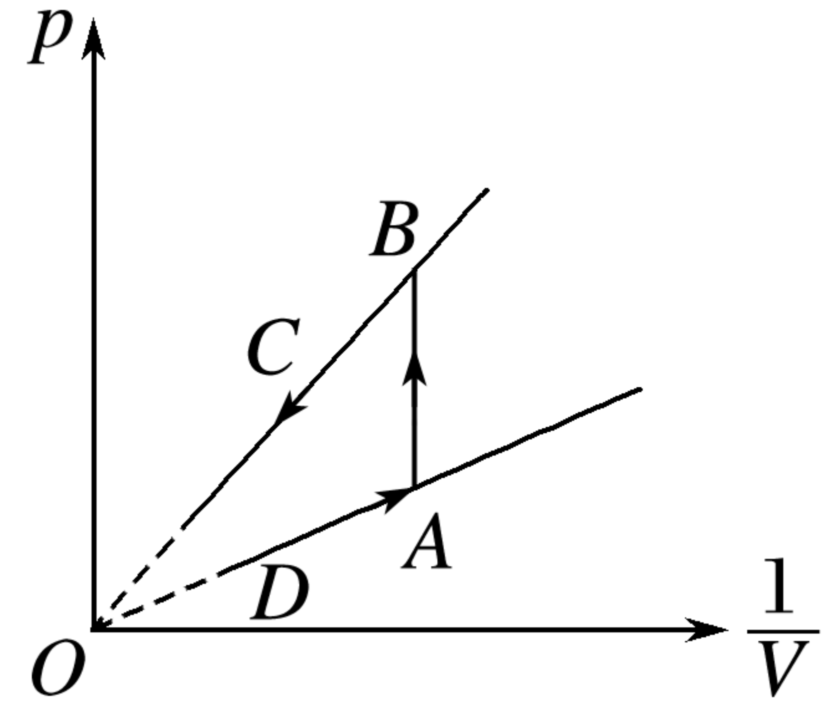
B. $A \to B$ [illegible]　　[illegible]

C. T_A [illegible] T_B　　[illegible] T [illegible]

√ D. $B \to C$ [illegible]

[illegible]

[illegible] V [illegible], P [illegible]



2

[illegible]

1. [illegible].
2. [illegible]—[illegible]
3. [illegible] p [illegible] T [illegible] V [illegible] T [illegible].
4. [illegible]

[illegible]

(1) [illegible] ([illegible]) [illegible]

[illegible].

(2) [illegible]

[illegible].

□ □□□□□□□

□□□□□□□□□□□□□

1. □□□□□□□□□□□□□□□□______□□□□□□□□□□□□. □□

2. □□□□

□□□□

(1) □□□□□□□□□□□□□□□□□□□□□□□□ p □□□□□□ T □______. □□

(2)□ □ □ □ p □ $\underline{CT}$ □ $\frac{p_1}{T_1}$ □ $\underline{\frac{p_2}{T_2}}$. □ □ □ □ $\frac{p}{T}$ □ $\frac{\Delta p}{\Delta T}$

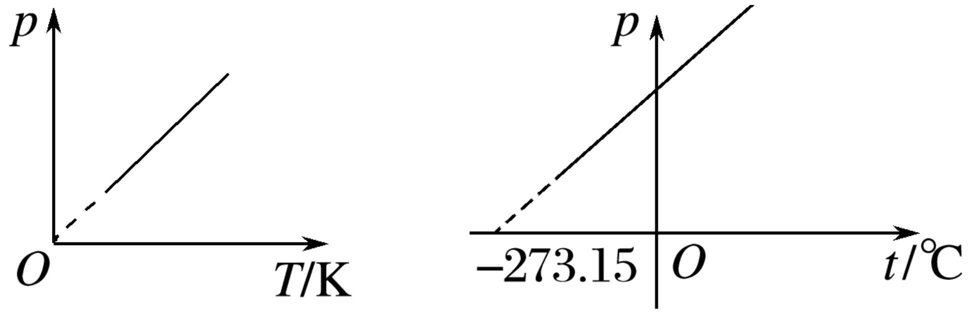
□□□□□□

(3) □□□□□□□□______□______□□. □□ □□

(4) □□□□□□□.

①p □ T □□□□□□□□□□______. □□□□□□□□

②p □ t □□□□□□□□□□□□□□□□□□□□ t □□______ □273.15 ℃.



甲　　乙

P □□□□□ T □□□□□□□□□□□ t □□□

□□□□□□□□□□ C □□□□□□□□□

[illegible] . [illegible]

1.0×10^5 Pa [illegible] 50 kg [illegible] 0.01 m^2 [illegible]

[illegible] 0.4 [illegible] . [illegible] 1.0×10^5

Pa [illegible] 27 ℃ [illegible] g [illegible] 10 m/s^2 [illegible]

(1) [illegible] p [illegible] t

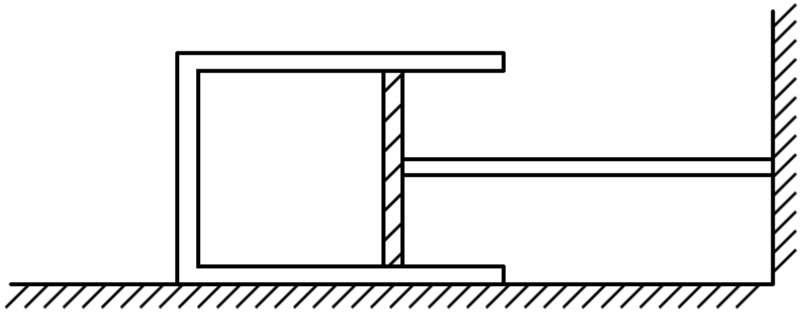
(2) [illegible] .

(1) [illegible] - [illegible] - [illegible] - [illegible]

[illegible]

[illegible]

(2) [illegible]



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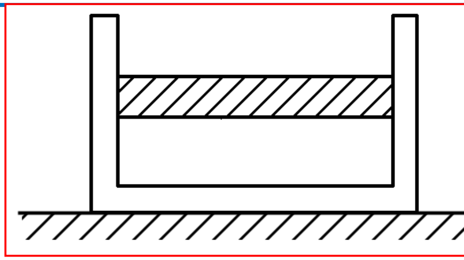
□□□—□□□□□□□□□□□□□□□



1. □□□□□□□□□□□□□□□□ ___□□___ □□□□□□□□□□□□.

2. □—□□□□□

□□□□

(1) □□□□□□□□□□□□□□□□□□□□□□□□□ V □□□□□□ T □ ___□□___.

(2) □ □ □ □ V□ ___CT___ □ $\frac{V_1}{T_1}$ □ ___$\frac{V_2}{T_2}$___. □ □ □ □ $\frac{V}{T}$ □ $\frac{\Delta V}{\Delta T}$.

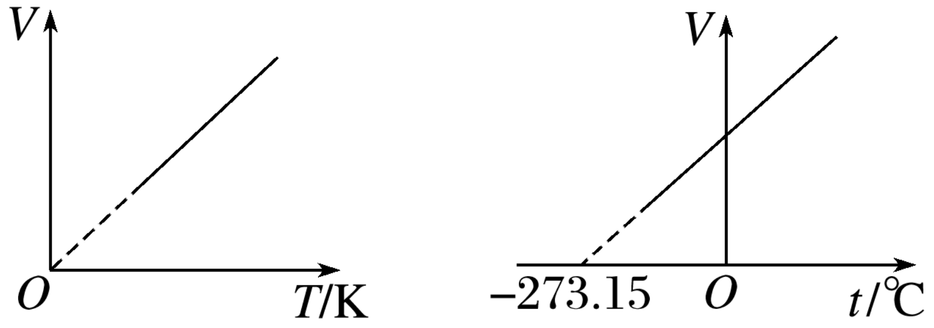
□□□□□□□

(3) □□□□□□□□ ___□□___ □ ___□□___ □□.

(4) □□□□□□□.

① V□ T □□□□□□□□□□ ___□□□□□□□□___.

② V□ t □□□□□□□□□□□□□□□□□□□□ t □□ ___□273.15 ℃___.



甲 乙

V □□□□□□ T □□□□□□□□□□□□ t □□□

□□□□□□□□□□ P □□□□□ C □□□□□□□□□□□□□□

[illegible] 27 ℃ [illegible]
127 ℃ [illegible]

1. [illegible]

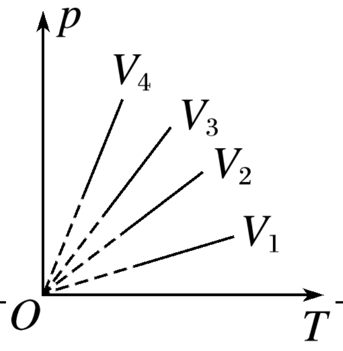
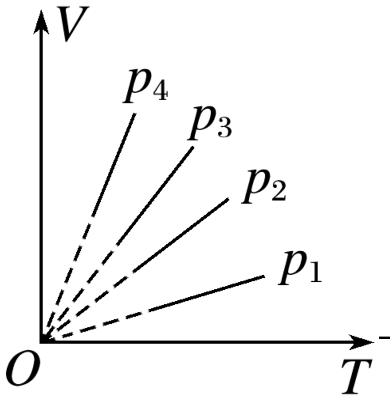
[illegible]

[illegible]

2. [illegible]

p[illegible]T[illegible]V[illegible]T

[illegible]

[illegible]	[illegible]		
	[illegible]	[illegible] p	[illegible] V
	[illegible]	[illegible] V_4 [illegible] V_3 [illegible] V_2 [illegible] V_1	[illegible] p_4 [illegible] p_2 [illegible] p_1
[illegible]	(1) [illegible] (2) [illegible]		

[illegible] ([illegible]) [illegible] ab [illegible] bc [illegible] cd [illegible] da [illegible]

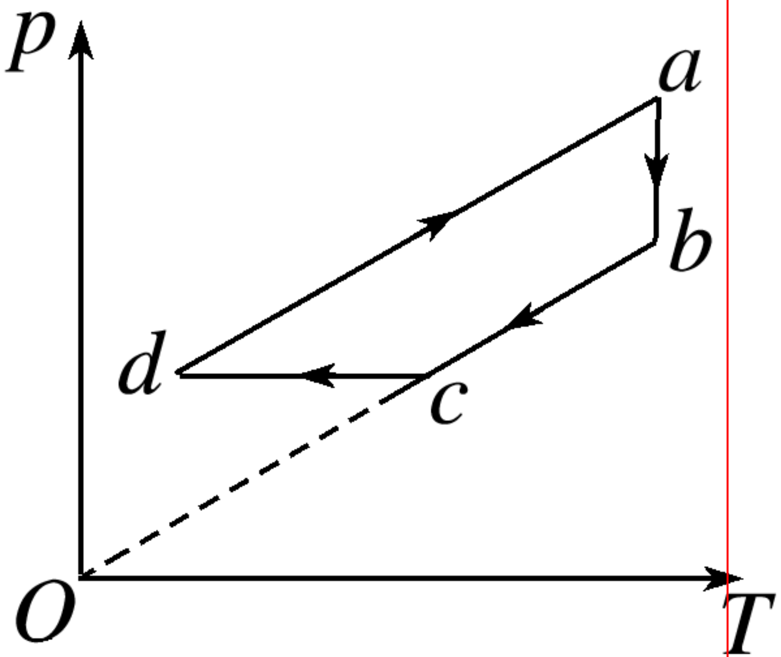
[illegible] bc [illegible] cd [illegible] ab [illegible] da [illegible] bc [illegible]

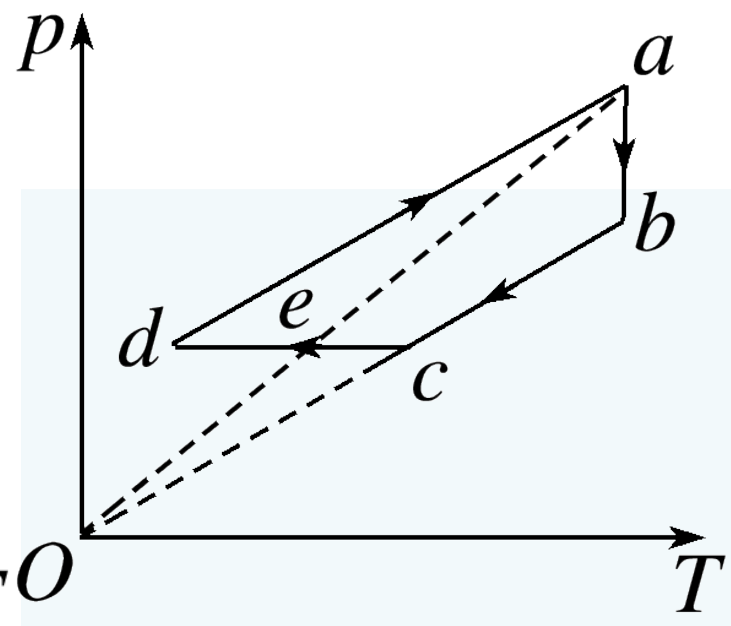
A. ab [illegible]

√ B. bc [illegible]

√ C. cd [illegible]

D. da [illegible]



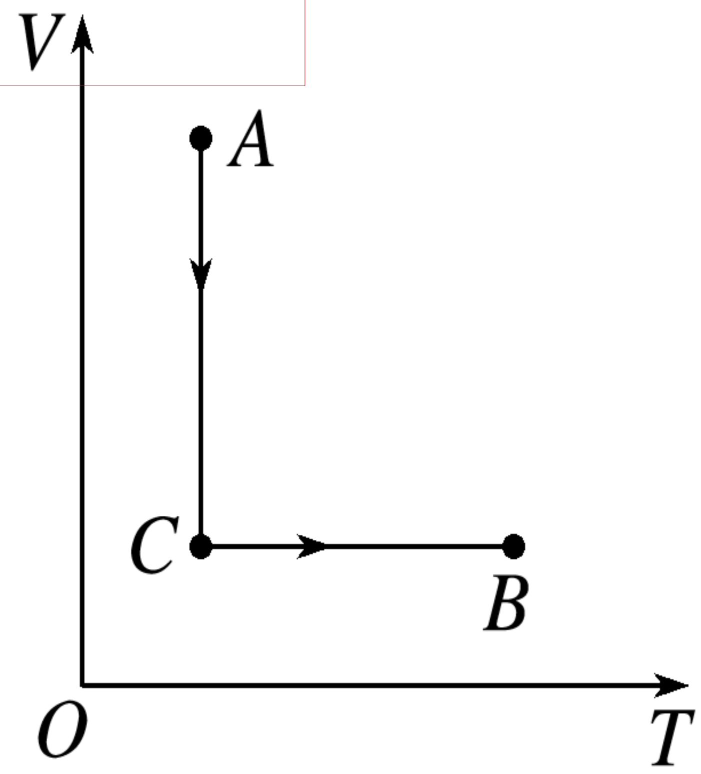


[illegible]

([illegible]) [illegible] A [illegible] C [illegible] B [illegible]

[illegible] V [illegible] T [illegible] (　　)

[illegible]



√ A. [illegible] AC [illegible]

B. [illegible] CB [illegible]

C. [illegible] A [illegible]

√ D. [illegible] B [illegible]

[illegible]

[illegible]

[illegible]. [illegible]

(1) [illegible] $\frac{\Delta p}{\Delta T}=\frac{p}{T}$, $\Delta p=\frac{\Delta T}{T}p$.

(2) [illegible] — [illegible] $\frac{\Delta V}{\Delta T}=\frac{V}{T}$, $\Delta V=\frac{\Delta T}{T}V$.

[illegible]

h [illegible] l_2 [illegible] $2l_1$. [illegible]

[illegible] ([illegible])

1. [illegible]

2. [illegible] **P-T** [illegible]

3. [illegible] **0**